
Sequence Listing was accepted.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: [year=2008; month=5; day=30; hr=13; min=50; sec=42; ms=255;]

Validated By CRFValidator v 1.0.3

Application No: 10570916 Version No: 1.0

0

Input Set:

Output Set:

Started: 2008-05-07 17:42:59.636 **Finished:** 2008-05-07 17:43:00.769

Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 133 ms

Total Warnings: 15

No. of SeqIDs Defined: 15

Actual SeqID Count: 15

Total Errors:

Error code		Error Description
W	402	Undefined organism found in <213> in SEQ ID (1)
W	402	Undefined organism found in <213> in SEQ ID (2)
W	402	Undefined organism found in <213> in SEQ ID (3)
W	213	Artificial or Unknown found in <213> in SEQ ID (4)
W	213	Artificial or Unknown found in <213> in SEQ ID (5)
W	213	Artificial or Unknown found in <213> in SEQ ID (6)
W	213	Artificial or Unknown found in <213> in SEQ ID (7)
W	213	Artificial or Unknown found in <213> in SEQ ID (8)
W	213	Artificial or Unknown found in <213> in SEQ ID (9)
W	213	Artificial or Unknown found in <213> in SEQ ID (10)
W	213	Artificial or Unknown found in <213> in SEQ ID (11)
W	213	Artificial or Unknown found in <213> in SEQ ID (12)
W	213	Artificial or Unknown found in <213> in SEQ ID (13)
W	213	Artificial or Unknown found in <213> in SEQ ID (14)
W	213	Artificial or Unknown found in <213> in SEQ ID (15)

SEQUENCE LISTING

```
<110> He, Biao
     You, Liang
     Xu, Zhidong
     Jablons, David M.
<120> SOCS-3 Promoter Methylation In Cancer
<130> UCSF-374
<140> 10570916
<141> 2008-05-07
<150> PCT/US04/29037
<151> 2004-09-03
<150> US 60/500,659
<151> 2003-09-05
<160> 15
<170> FastSEQ for Windows Version 4.0
<210> 1
<211> 850
<212> DNA
<213> Human
<400> 1
gegeetteet eteegeagee eeeegggatg eggtagegge egetgtgegg aggeegegaa 60
gcagctgcag ccgccgccgc gcagatccac gctggctccg tgcgccatgg tcacccacag 120
caagtttccc gccgccggga tgagccgccc cctggacacc agcctgcgcc tcaagacctt 180
cagctccaag agcgagtacc agctggtggt gaacgcagtg cgcaagctgc aggagagcgg 240
cttctactgg agcgcagtga ccggcggcga ggcgaacctg ctgctcagtg ccgagcccgc 300
cggcaccttt ctgatccgcg acagctcgga ccagcgccac ttcttcacgc tcagcgtcaa 360
gacccagtct gggaccaaga acctgcgcat ccagtgtgag gggggcagct tctctctgca 420
gagcgatccc cggagcacgc agcccgtgcc ccgcttcgac tgcgtgctca agctggtgta 480
ccactacaty ccyccccty gagececete ettecectey ccaectacty aaeceteete 540
cgaggtgccc gagcagccgt ctgcccagcc actccctggg agtcccccca gaagagccta 600
ttacatctac tccgggggcg agaagatccc cctggtgttg agccggcccc tctcctccaa 660
cgtggccact cttcagcatc tctgtcggaa gaccgtcaac ggccacctgg actcctatga 720
gaaagtcacc cagctgccgg ggcccattcg ggagttcctg gaccagtacg atgccccgct 780
ttaaggggta aagggcgcaa agggcatggg tcgggagagg ggacgcaggc ccctctcctc 840
                                                                  850
cgtggcacat
<210> 2
<211> 225
<212> PRT
<213> Human
<400> 2
```

Met Val Thr His Ser Lys Phe Pro Ala Ala Gly Met Ser Arg Pro Leu

1 1.0 Asp Thr Ser Leu Arg Leu Lys Thr Phe Ser Ser Lys Ser Glu Tyr Gln 25 Leu Val Val Asn Ala Val Arg Lys Leu Gln Glu Ser Gly Phe Tyr Trp 40 Ser Ala Val Thr Gly Gly Glu Ala Asn Leu Leu Ser Ala Glu Pro 55 60 Ala Gly Thr Phe Leu Ile Arg Asp Ser Ser Asp Gln Arg His Phe Phe 70 Thr Leu Ser Val Lys Thr Gln Ser Gly Thr Lys Asn Leu Arg Ile Gln 85 90 Cys Glu Gly Gly Ser Phe Ser Leu Gln Ser Asp Pro Arg Ser Thr Gln 100 105 110 Pro Val Pro Arg Phe Asp Cys Val Leu Lys Leu Val Tyr His Tyr Met 120 Pro Pro Pro Gly Ala Pro Ser Phe Pro Ser Pro Pro Thr Glu Pro Ser 135 140 Ser Glu Val Pro Glu Gln Pro Ser Ala Gln Pro Leu Pro Gly Ser Pro 150 155 Pro Arg Arg Ala Tyr Tyr Ile Tyr Ser Gly Gly Glu Lys Ile Pro Leu 165 170 Val Leu Ser Arg Pro Leu Ser Ser Asn Val Ala Thr Leu Gln His Leu 180 185 190 Cys Arg Lys Thr Val Asn Gly His Leu Asp Ser Tyr Glu Lys Val Thr 200 205 Gln Leu Pro Gly Pro Ile Arg Glu Phe Leu Asp Gln Tyr Asp Ala Pro 210 215 220 Leu 225

<210> 3

<211> 1088 <212> DNA

<213> Human

<400> 3

gtgcagagta gtgactaaac attacaagaa gaccggccgg gcagttccag gaatcggggg 60 geggggegeg geggeegect atataccege gagegeggee teeggggeg eteegaettg 120 gactecetge teegetgetg eegettegge eeegeacgea geeageegee egeegeeege 180 ccggcccage tcccgccgcg gccccttgcc gcggtccctc tcctggtccc ctcccggttg 240 gtccgggggt gcgcaggggg cagggggggg gcccagggga agctcgaggg acgcgcgcgc 300 gaaggeteet tigtggaett eaeggeegee aacatetggg egeagegegg geeaeegetg 360 gccgtctcgc cgccgcgtcg ccttggggac ccgagggggc tcagccccaa ggacggagac 420 ttcgattcgg gaccaggtag gaaggaggag cgcggcgtgg ggaggggtct cgctcagtcc 480 egggagettt teeeggttte eecteeett eeegggteat teeeggeagg gaggtgaega 540 ggtaggggca gagcggatgg aagccggaga tcccaggttc ccggaatact ccggctgggg 600 cetteggget teteetgtee cetecetace eeegtgeete gggtttetee eteegteeae 660 accgcccggg gctactggac tgagcggcgc ccaggcagtc ccggggccct tctcctgtcc 720 caacceggea cacteetgag acctaactte egegegegag ttteecaege tgegeeettg 780 cagtgegege etgggaaggg getgeeeggg gecaeeetge eggeagggeg ggageegtge 840 gggctccgtg aggcgcctgg atcggagcgc gggcccagga gagggccccc ggggcagtgg 900 gtgccccagt cgctcggcga aggcagggga gccggggcgg gccgggcgcg ctggagggtt 960 ccgggcactc aacgcgctcg cgccttcctc tccgcagccc cccgggatgc ggtagcggcc 1020 gctgtgcgga ggccgcgaag cagctgcagc cgccgccgcg cagatccacg ctggctccgt 1080 1088 gcgccatg

```
<210> 4
<211> 22
<212> DNA
<213> Artificial Sequence
<220>
<223> Primer
<400> 4
tatatattcg cgagcgcggt tt
                                                                    22
<210> 5
<211> 17
<212> DNA
<213> Artificial Sequence
<220>
<223> Primer
<400> 5
                                                                    17
cgctgcgccc agatgtt
<210> 6
<211> 34
<212> DNA
<213> Artificial Sequence
<220>
<223> Primer
<400> 6
tgtggtggtt gtttatatat ttgtgagtgt ggtt
                                                                    34
<210> 7
<211> 28
<212> DNA
<213> Artificial Sequence
<220>
<223> Primer
<400> 7
                                                                    28
caaccaacaa taacccacac tacaccca
<210> 8
<211> 20
<212> DNA
<213> Artificial Sequence
<220>
<223> Primer
<400> 8
                                                                    20
gtcacccaca gcaagtttcc
<210> 9
<211> 20
```

<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Primer	
<400> 9	
ccgacagaga tgctgaagag	20
<210> 10	
<211> 21	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Primer	
<400> 10	
gtgtagagta gtgattaaat a	21
5-9999	
<210> 11	
<211> 21	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Primer	
\ZZ3> FIIMeI	
<400> 11	
	21
tccttaaaac taaaccccct c	21
<210> 12	
<211> 22	
<212> DNA	
<213> Artificial Sequence	
1000	
<220>	
<223> Primer	
<400> 12	
tatatattcg cgagcgcggt tt	22
<210> 13	
<211> 17	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Primer	
<400> 13	
cgctgcgccc agatgtt	
	17
	17
<210> 14	17
	17
<210> 14	17

<220>		
<223> Primer		
<400> 14		
tgtggtggtt gtttatat	at ttgtgagtgt ggtt	34
<210> 15		
<211> 28		
<212> DNA		
<213> Artificial Se	quence	
<220>		
<223> Primer		
<400> 15		
caaccaacaa taacccac	ac tacaccca	28